

CLAIMS

1. A method comprising the step of stimulating the parasympathetic nervous system via the right and left vagal nerves, wherein said method significantly increases the initiation of non sustained atrial fibrillation.

Sub A. 2. A method of On - Off voltage stimulation of the right and left vagal nerves comprising the step of significantly correlating said method with the On - Off set of the atrial fibrillation episode.

3. A method comprising the step of deactivating the right and left vagal nerves, wherein said method significantly decreases the occurrence of atrial fibrillation.

4. A method comprising the step of stimulating the sympathetic nervous system via the right and left stellar ganglions, wherein said method significantly increases the initiation of non sustained atrial fibrillation.

5. A method comprising the step of stimulating the right and left vagal nerves in the presence of the right and left stellar ganglions, wherein stimulation is not significantly different compared to the method of stimulating the parasympathetic nervous system alone on the occurrence of atrial fibrillation.

6. 2 A method comprising the step of locally infusing the parasympathetic neurotransmitter, wherein said method significantly increases the conversion of sustained atrial flutter to non sustained atrial fibrillation.

7. 3 A method comprising the step of local infusing the parasympathetic neurotransmitter during a sustained atrial flutter, wherein said method significantly reverses the antiarrhythmic effects of a class 3 antiarrhythmic drug, sotalol.

Sub
A1

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Sub
A²₁₅

[illegible]

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A3